



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

Labrador & Fundora Corp. dba V & V Windows
2355 W. 4th Avenue
Hialeah, FL 33010-1454

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "1000" Aluminum Fixed Window – N.I.

APPROVAL DOCUMENT: Drawing No. **W07-98**, titled "Series 1000 Alum. Fixed Window (N.I.)", sheets 1 through 3 of 3, dated 11/19/07, with revision A dated 02/10/12, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **renews NOA# 12-0306.04** and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



Handwritten signature and date: 1/16/13

NOA No. 12-1113.07
Expiration Date: February 07, 2018
Approval Date: January 24, 2013
Page 1

Labrador & Fundora Corp. dba V & V Windows

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **W07-98**, titled "Series 1000 Alum. Fixed Window (N.I.)", sheets 1 through 3 of 3, dated 11/19/07, with revision A dated 02/10/12, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
(Submitted under previous NOA#12-0306.04)

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
along with marked-up drawings and installation diagram of a 1000 series fixed non-impact window, prepared by American Test Lab of South Florida, Inc., Test Report No. **ATLSF-0709.01-07**, dated 10/12/07, signed and sealed by William R. Mehner, P.E. and Henry Hattem, P.E.
(Submitted under previous NOA#07-1130.07)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2004, prepared by Al-Farooq Corporation, dated November 19, 2007, signed and sealed by Humayoun Farooq, P.E.
(Submitted under previous NOA#07-1130.07)
2. Glazing complies with ASTM E1300-04

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

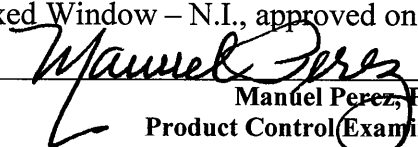
1. None.

F. STATEMENTS

1. Statement letter of conformance, complying with FBC-2010, dated October 31, 2012, signed and sealed by Javad Ahmad, P.E.
2. Statement letter of conformance, complying with FBC-2010, and of no financial interest, dated February 10, 2012, signed and sealed by Javad Ahmad, P.E.
3. Laboratory compliance letter, issued by American Test Lab of South Florida, Inc., for Test Report No. **ATLSF-0709.01-07**, dated 10/12/07, signed and sealed by William R. Mehner, P.E. and Henry Hattem, P.E.
(Submitted under NOA#07-1130.07)

G. OTHER

1. Notice of Acceptance No. **12-0306.04**, issued to Labrador & Fundora Corp. dba V & V Windows, for their Series "1000" Aluminum Fixed Window – N.I., approved on 05/10/12 and expiring on 02/07/13.

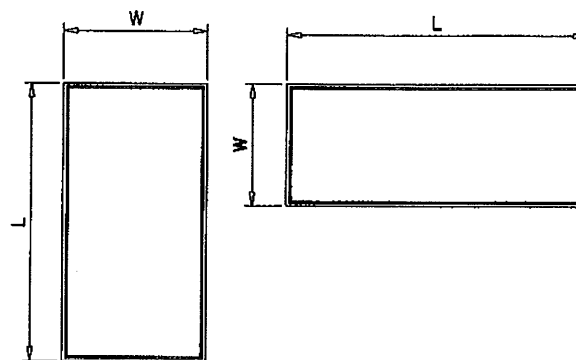

Manuel Perez, P.E.
Product Control Examiner
NOA No. 12-1113.07
Expiration Date: February 07, 2018
Approval Date: January 24, 2013

DESIGN LOAD CAPACITY - PSF			
WINDOW DIMS.		1/4" TEMP. GLASS	
WIDTH	LENGTH	EXT.(+)	INT.(-)
30"	60"	100.0	120.0
33"		100.0	117.9
36"		100.0	112.0
39"		100.0	107.2
42"		100.0	103.4
45"		100.0	100.3
48"		96.7	96.7
51"		91.0	91.0
54"		85.9	85.9
57"		81.4	81.4
60"		77.3	77.3
63"	63"	100.0	120.0
33"		100.0	115.8
36"		100.0	109.7
39"		100.0	104.8
42"		100.0	100.8
45"		97.5	97.5
48"		95.0	95.0
51"		91.0	91.0
54"		85.9	85.9
57"		81.4	81.4
60"		77.3	77.3
63"		73.7	73.7
66"		73.7	73.7
30"	69"	100.0	120.0
33"		100.0	112.4
36"		100.0	106.0
39"		100.0	100.9
42"		96.6	96.6
45"		93.0	93.0
48"		90.1	90.1
51"		87.8	87.8
54"		85.8	85.8
57"		81.4	81.4
60"		77.3	77.3
30"	72"	100.0	118.8
33"		100.0	110.9
36"		100.0	104.5
39"		99.2	99.2
42"		94.8	94.8
45"		91.2	91.2
48"		88.2	88.2
51"		85.7	85.7
54"		83.6	83.6
57"		81.4	81.4

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-04 (3 SEC. GUSTS).

DESIGN LOAD CAPACITY - PSF			
WINDOW DIMS.		1/4" TEMP. GLASS	
WIDTH	LENGTH	EXT.(+)	INT.(-)
30"	75"	100.0	117.6
33"		100.0	109.6
36"		100.0	103.1
39"		97.8	97.8
42"		93.3	93.3
45"		89.6	89.6
48"		86.4	86.4
51"		83.8	83.8
54"		81.6	81.6
57"		79.8	79.8
30"	78"	100.0	116.4
33"		100.0	108.4
36"		100.0	101.9
39"		96.5	96.5
42"		91.9	91.9
45"		88.1	88.1
48"		84.9	84.9
51"		82.2	82.2
54"		79.9	79.9
30"	81"	100.0	115.4
33"		100.0	107.4
36"		100.0	100.8
39"		95.3	95.3
42"		90.7	90.7
45"		86.8	86.8
48"		83.5	83.5
51"		80.7	80.7
30"	84"	100.0	114.5
33"		100.0	106.4
36"		99.8	99.8
39"		94.2	94.2
42"		89.6	89.6
45"		85.6	85.6
48"		82.3	82.3
51"		79.4	79.4
30"	87"	100.0	113.6
33"		100.0	105.5
36"		98.8	98.8
39"		93.3	93.3
42"		88.6	88.6
45"		84.6	84.6
48"		81.2	81.2
30"	90"	100.0	112.9
33"		100.0	104.7
36"		98.0	98.0
39"		92.4	92.4
42"		87.6	87.6
45"		83.6	83.6

DESIGN LOAD CAPACITY - PSF			
WINDOW DIMS.		1/4" TEMP. GLASS	
WIDTH	LENGTH	EXT.(+)	INT.(-)
30"	93"	100.0	112.1
33"		100.0	103.9
36"		97.2	97.2
39"		91.5	91.5
42"		86.8	86.8
45"		82.7	82.7
30"	96"	100.0	111.5
33"		100.0	103.2
36"		96.5	96.5
39"		90.8	90.8
42"		86.0	86.0



NOTE:
WIDTH AND LENGTH DIMENSIONS CAN BE ORIENTED
VERTICALLY OR HORIZONTALLY AS SHOWN ABOVE.

SERIES 1000 ALUMINUM FIXED WINDOW

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE
COMBINATIONS OF FIXED/FIXED OR FIXED WITH OTHER
MIAMI-DADE COUNTY APPR'D WINDOWS USING MIAMI-DADE COUNTY
APPROVED MULLIONS IN BETWEEN.
LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL
WILL APPLY TO ENTIRE SYSTEM.

DESIGN LOAD RATING FOR THESE WINDOWS TO BE AS PER CHARTS
SHOWN ABOVE.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE
REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY
HURRICANE ZONE (HVHZ).

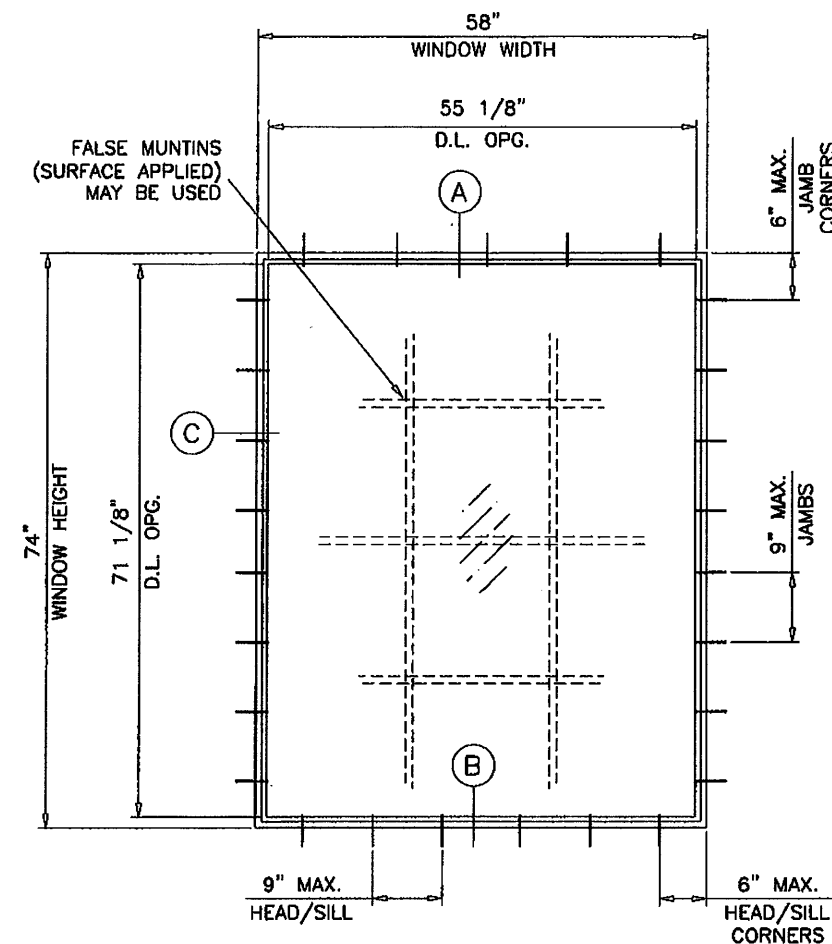
WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER
LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS
EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE
NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT
COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE
REQUIREMENTS OF THE FLORIDA BLDG. CODE SECTION 2003.8.4.



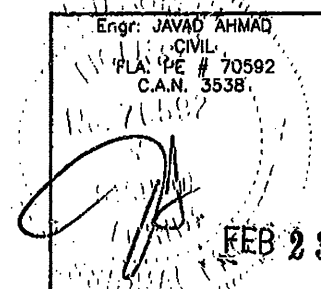
TYPICAL ELEVATION
TESTED UNIT

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 12-1113.07
Expiration Date Feb. 7, 2018
By *Muhammad Saeed*
Miami Dade Product Control

WINDOWS NOT RATED FOR IMPACT.

INSTALLATION OF THIS PRODUCT IN THE HVHZ AREA REQUIRES THE
USE OF APPROVED SHUTTERS OR EXTERNAL PROTECTION DEVICES
COMPLYING WITH HVHZ REQUIREMENTS.

INSTALLATION OF THIS SYSTEM OUTSIDE THE HVHZ AREA SHALL MEET
THE APPLICABLE REQUIREMENTS FOR WIND BORNE DEBRIS PROTECTION.



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0306.04
Expiration Date Feb. 7, 2013
By *Muhammad Saeed*
Miami Dade Product Control

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
COMP-ANL\W07-98W

SERIES 1000 ALUM FIXED WINDOW (N.I.)

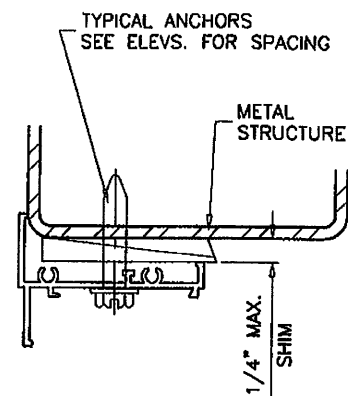
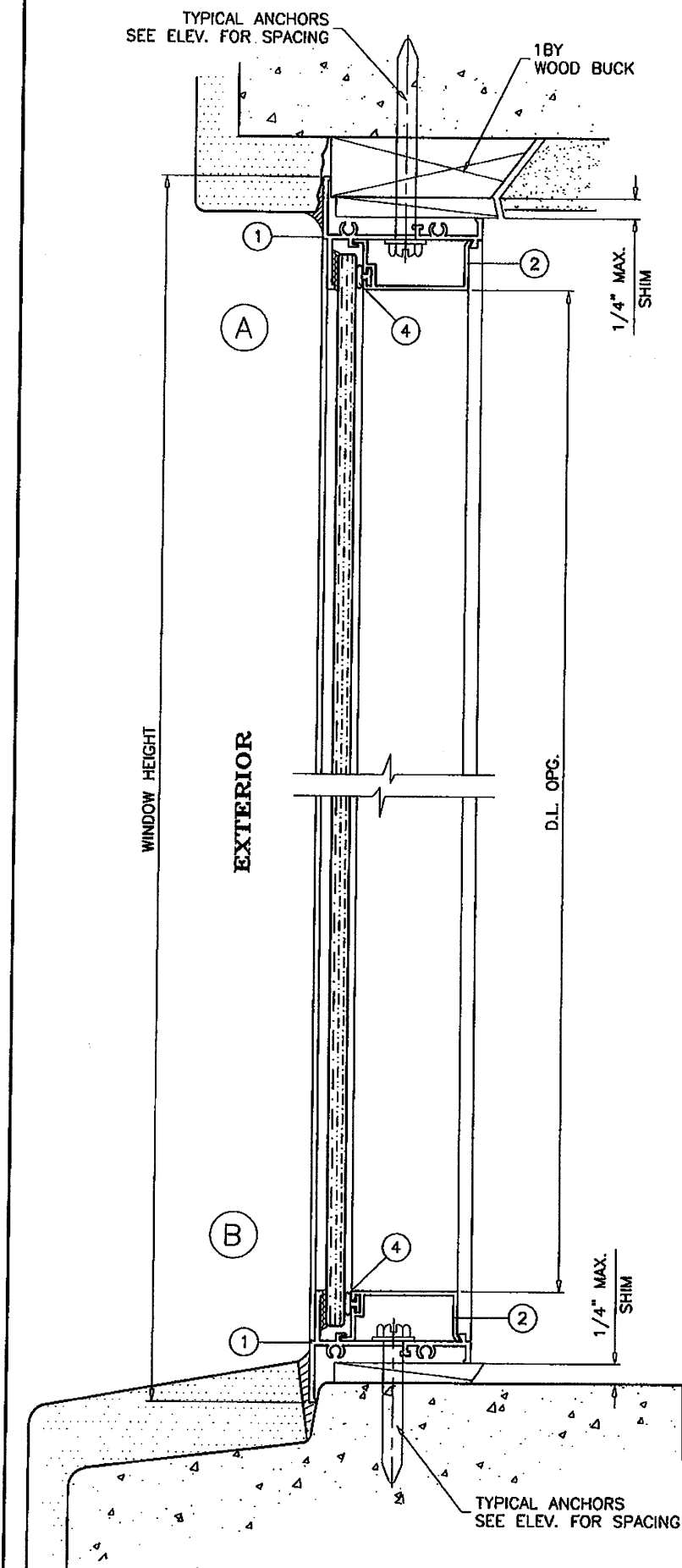
Labrador & Fundora Corp.
dba-V & V Windows
2355 West 4th Ave.
Hialeah, FL 33010
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revisions:

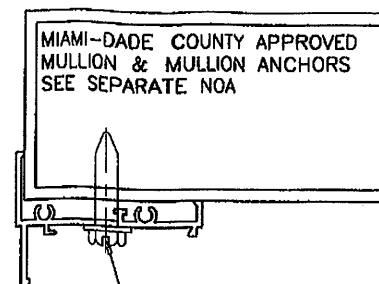
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chk. by:

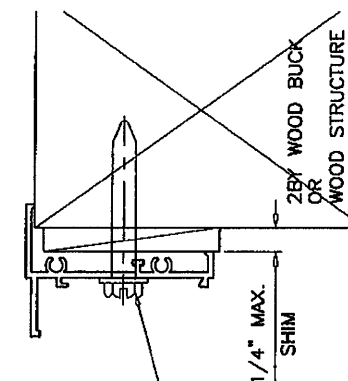
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W07-98
sheet 1 of 3



TYPICAL ANCHORS
SEE ELEV. FOR SPACING



TYPICAL ANCHORS
SEE ELEV. FOR SPACING



WOOD BUCKS AND METAL STRUCTURE NOT BY V & V WINDOWS
MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM
AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" TAPCONS BY 'ELCO'

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES

1-3/8" MIN. PENETRATION INTO WOOD

THRU 1BY BUCKS INTO CONC. OR MASONRY

1-1/4" MIN. EMBED INTO CONC. OR MASONRY

DIRECTLY INTO CONC. OR MASONRY

1-1/4" MIN. EMBED INTO CONC. OR MASONRY

#14 SMS OR SELF DRILLING SCREWS

INTO METAL STRUCTURES

STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)

ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)

(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

#14 SMS OR SELF DRILLING SCREWS

INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = .090")
(NO SHIM SPACE)

TYPICAL EDGE DISTANCE

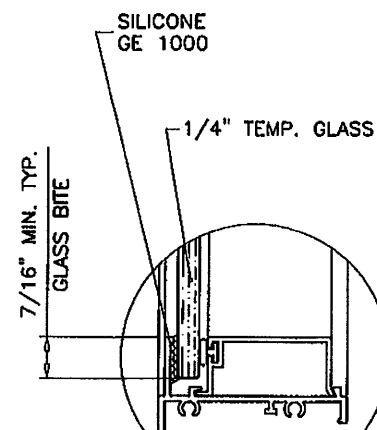
INTO CONCRETE AND MASONRY = 1" MIN.

INTO WOOD STRUCTURE = 1" MIN.

INTO METAL STRUCTURE = 1/2" MIN.

SEALANTS:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH
ACRYLIC CAULK UN1993 BY 'SCHNEE MOREHEAD'.



GLAZING DETAIL

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 12-1113.07
Expiration Date Feb. 7, 2018
By *Mamuel Perez*
Miami/Dade Product Control

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
CAIN# 3538

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 12-0306.01
Expiration Date FEB. 7, 2013

By *Mamuel Perez*
Miami/Dade Product Control

FEB 23 2012

af c

AL-FAROOQ CORPORATION

ENGINEERS & PRODUCT DEVELOPMENT

1235 S.W. 87 AVE

MIAMI, FLORIDA 33174

TEL. (305) 264-8100

FAX. (305) 262-6978

COMP-ANL W07-98V

SERIES 1000 ALUM FIXED WINDOW (N.I.)

Labrador & Fundora Corp.

dba-V & V Windows

2355 West 4th Ave.

Hialeah, FL 33010

TEL (305) 888-4151

FAX. (305) 888-1042

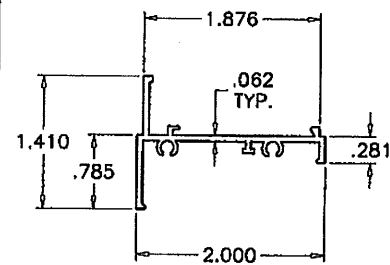
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chk. by:	

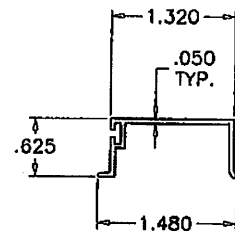
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W07-98

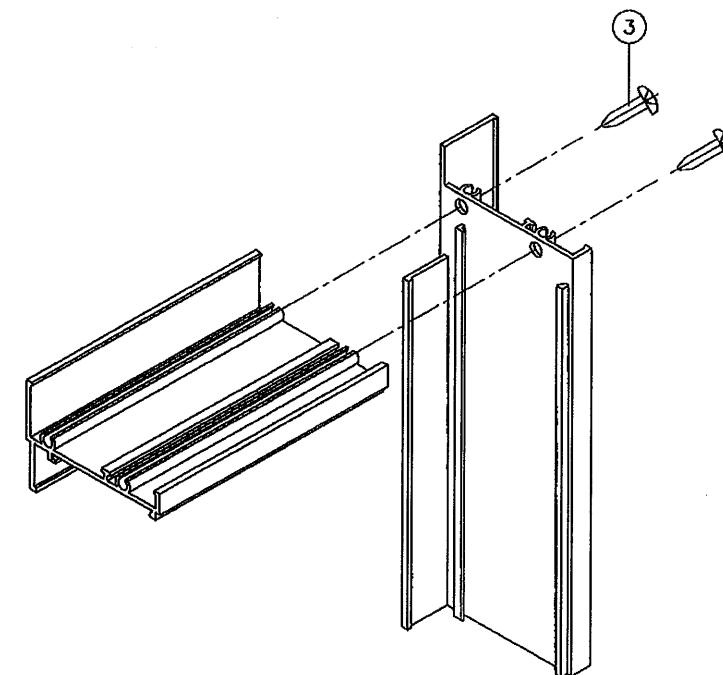
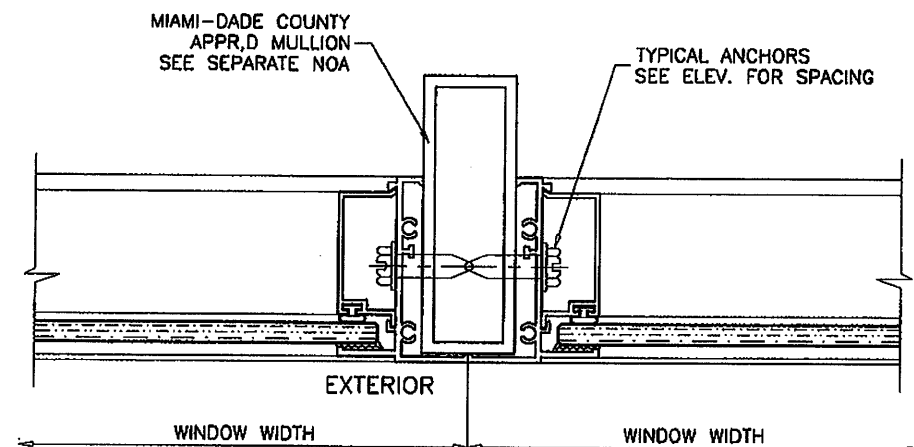
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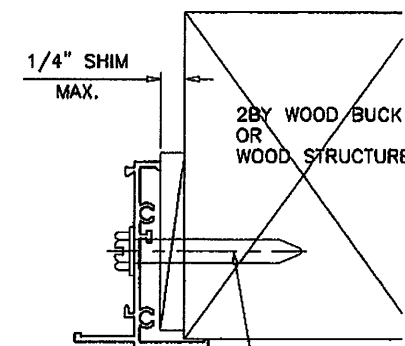
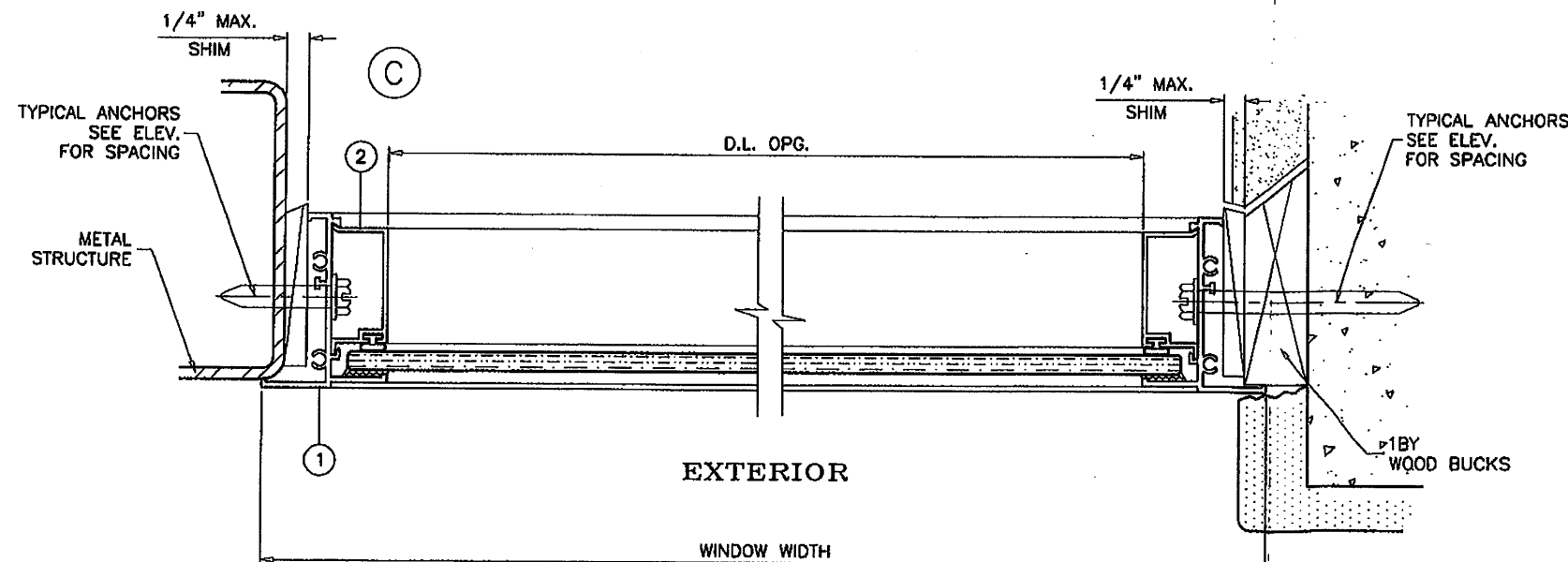
① WINDOW FRAME



② GLAZING STOP



TYPICAL CORNER CONSTRUCTION



TYPICAL ANCHORS
SEE ELEV. FOR SPACING

PRODUCT RENEWED
as complying with the Florida
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Miami Dade Product Control

Engr. JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538
FEB 23 2012

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Miami Dade Product Control

ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	BA4263	4	WINDOW FRAME	6063-T5	-
2	BA4262	4	GLAZING STOP	6063-T5	-
3	#8 X 1"	2/ CORNER	FRAME ASSEMBLY SCREWS	-	PH SMS
4	-	AS REQD.	GLAZING GASKET	VINYL	-

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no	date	by	description
A	02.10.12		NO CHANGE THIS SHEET

date:	11-19-07
scale:	1/2" = 1"
dr. by:	HAMID
chk. by:	

drawing no.
W07-98
sheet 3 of 3